

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028786.D
 Acq On : 16 Sep 2017 4:42
 Operator : SJ/JU
 Sample : I5187-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170602-COMP-C

Quant Time: Sep 16 06:38:23 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

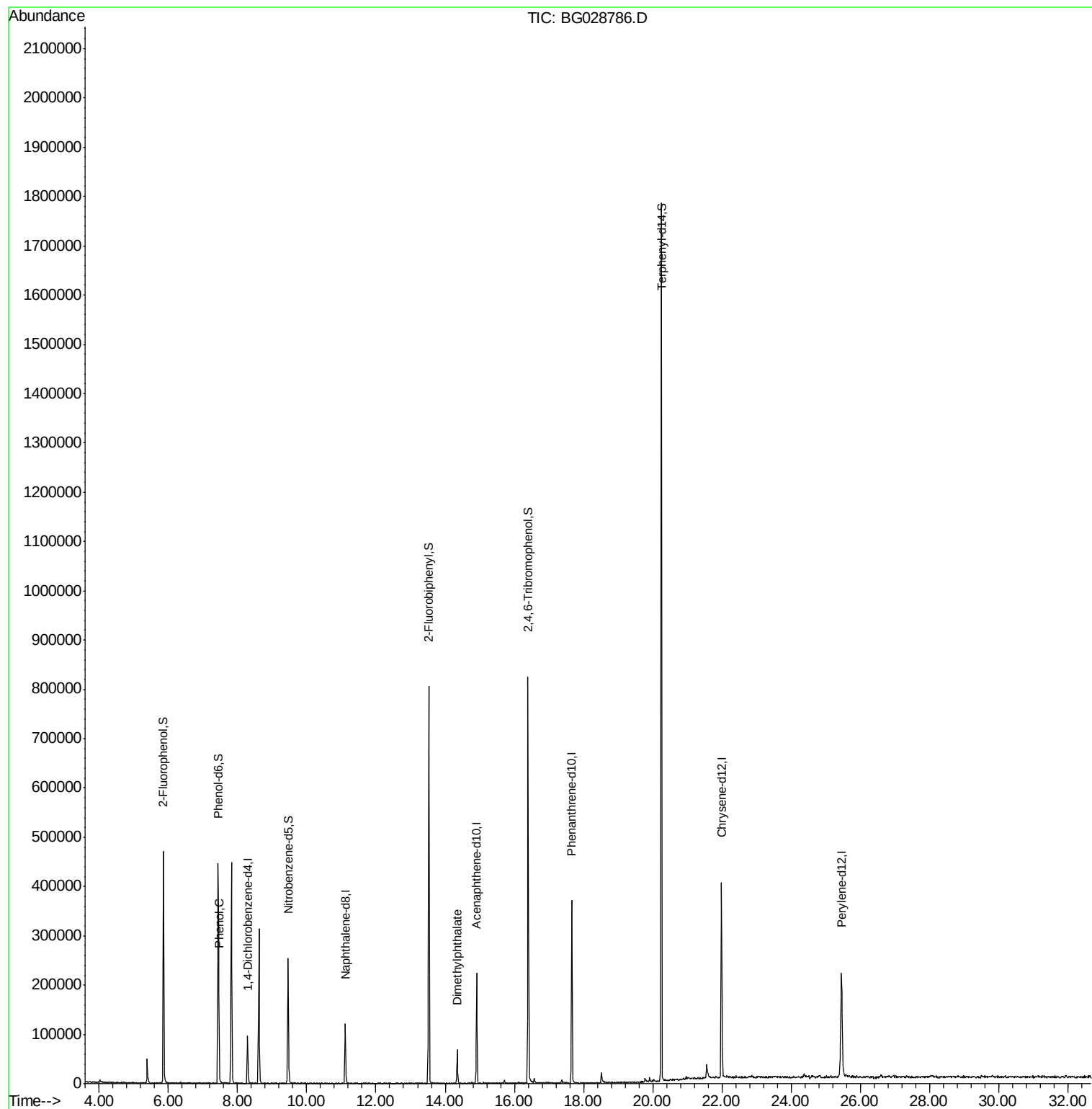
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27335	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	107974	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	84874	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	242077	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	275360	20.00	ng	-0.05
86) Perylene-d12	25.46	264	282165	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	203507	122.84	ng	-0.05
7) Phenol-d6	7.44	99	272294	109.17	ng	-0.05
23) Nitrobenzene-d5	9.46	82	170760	75.65	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	180227	128.39	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	427866	67.22	ng	-0.04
78) Terphenyl-d14	20.25	244	840447	65.09	ng	-0.03
Target Compounds						
10) Phenol	7.47	94	6751	2.565	ng	Qvalue # 59
49) Dimethylphthalate	14.35	163	48839	6.862	ng	97

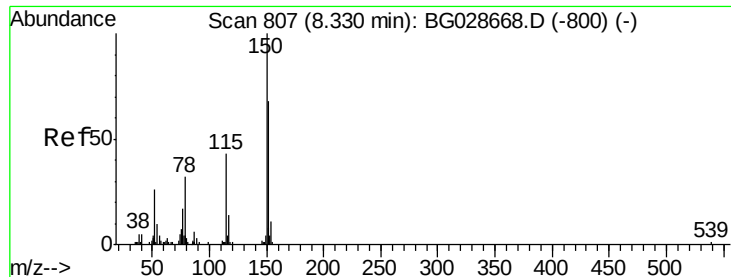
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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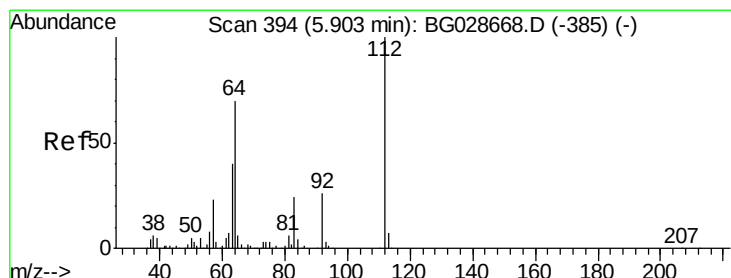
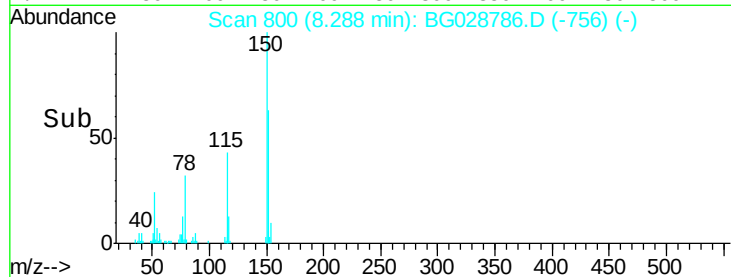
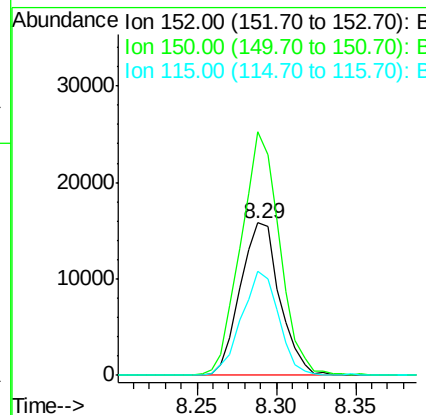
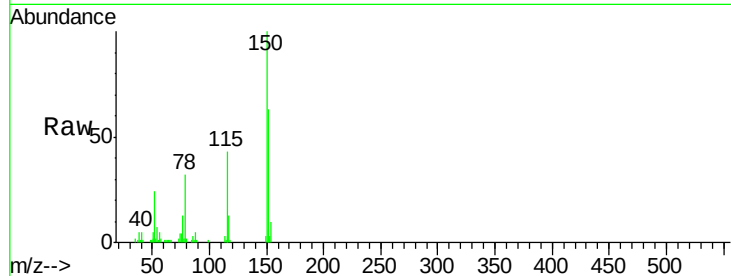


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

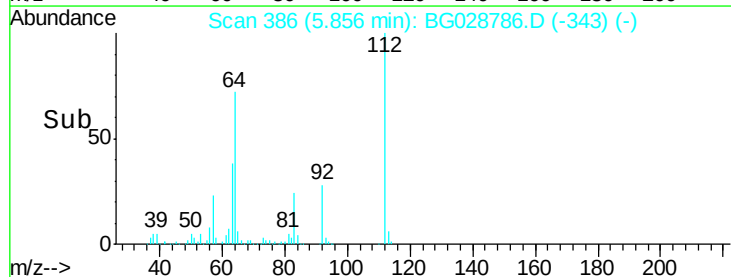
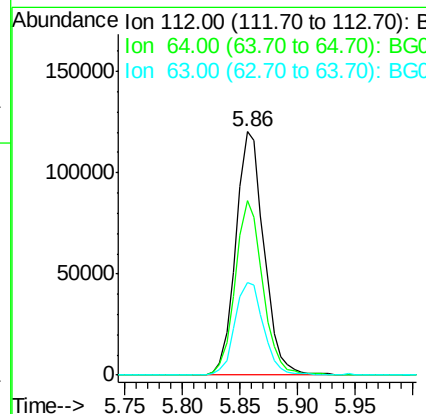
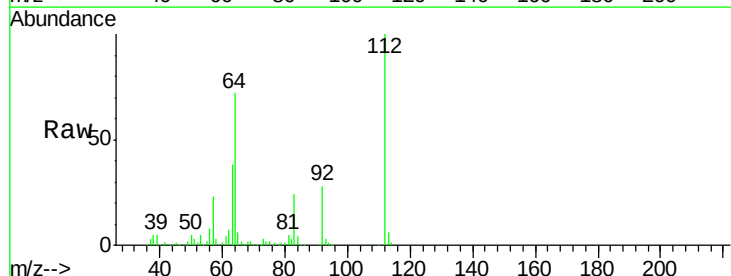
Tgt Ion:152 Resp: 27335
Ion Ratio Lower Upper
152 100
150 159.7 114.0 171.0
115 68.0 48.1 72.1

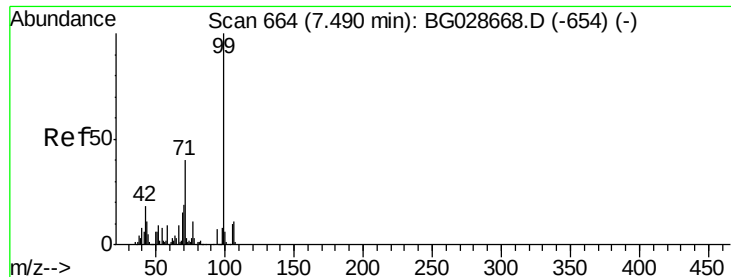


#5

2-Fluorophenol
Concen: 122.845 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:112 Resp: 203507
Ion Ratio Lower Upper
112 100
64 71.9 61.8 92.6
63 38.2 37.2 55.8





#7

Phenol-d6

Concen: 109.169 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

Instrument :

BNA_G

ClientSampleId :

20170602-COMP-C

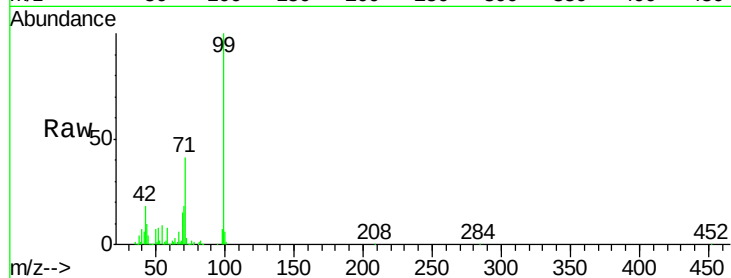
Tgt Ion: 99 Resp: 272294

Ion Ratio Lower Upper

99 100

42 18.2 20.5 30.7#

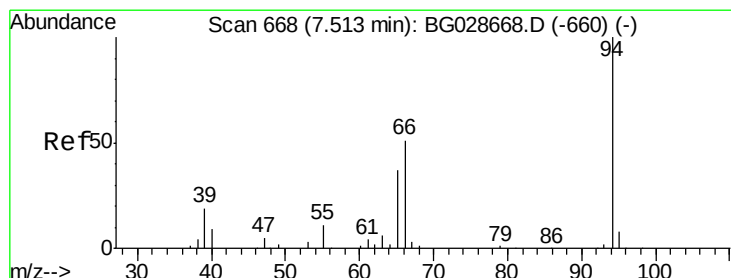
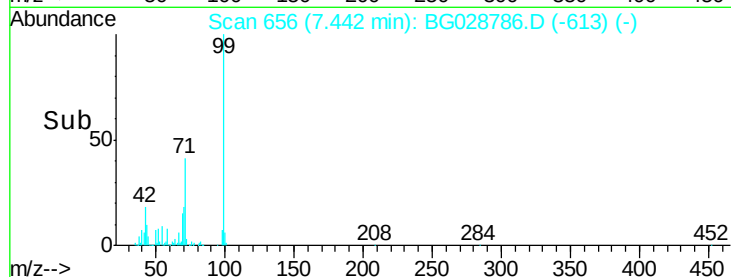
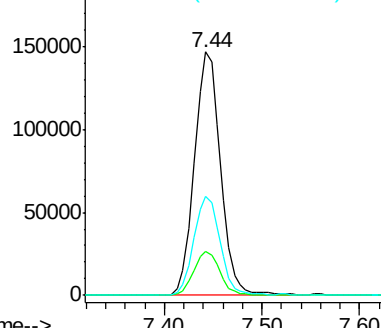
71 40.8 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.565 ng

RT: 7.47 min Scan# 660

Delta R.T. -0.05 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

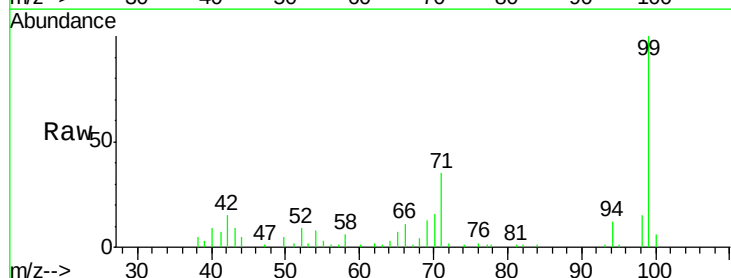
Tgt Ion: 94 Resp: 6751

Ion Ratio Lower Upper

94 100

65 56.5 20.6 60.6

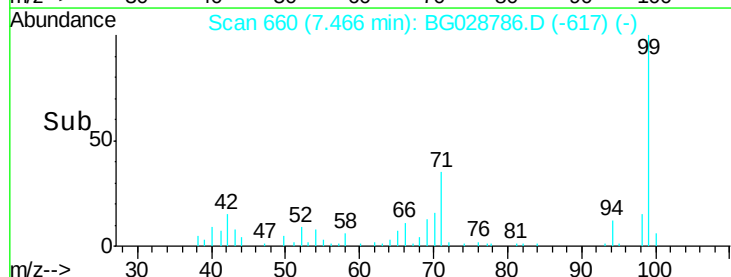
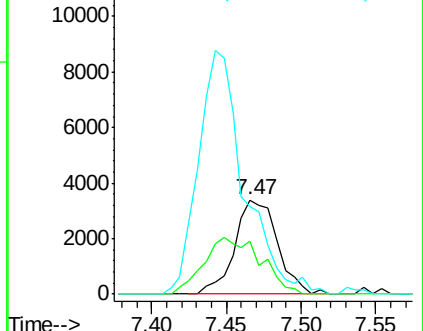
66 93.4 35.5 75.5#

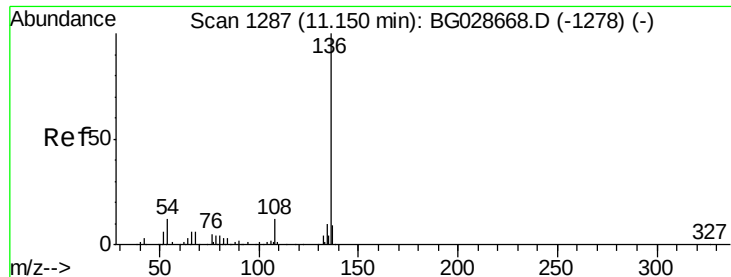


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

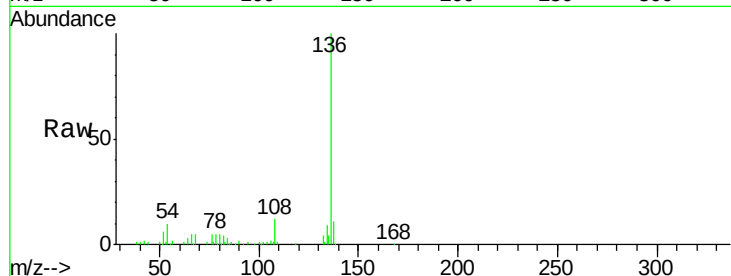




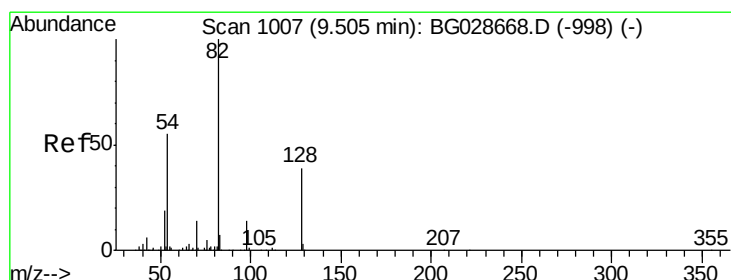
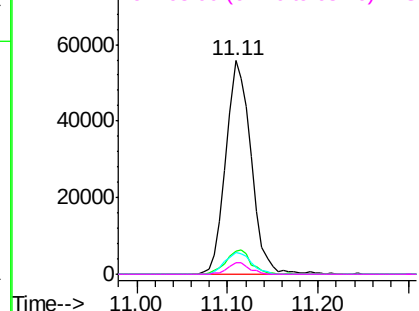
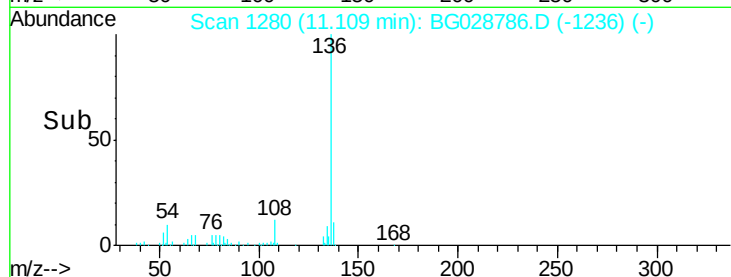
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

Tgt Ion:	136	Resp:	107974
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.2	9.3	13.9
68	5.1	5.1	7.7#

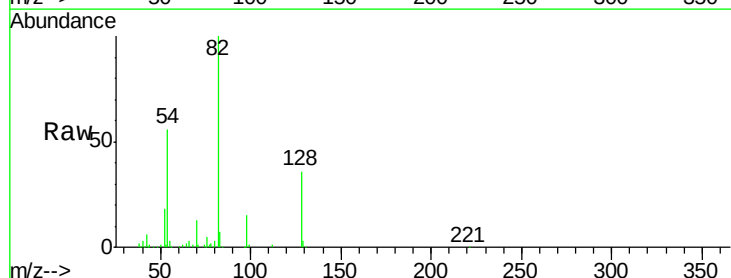


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

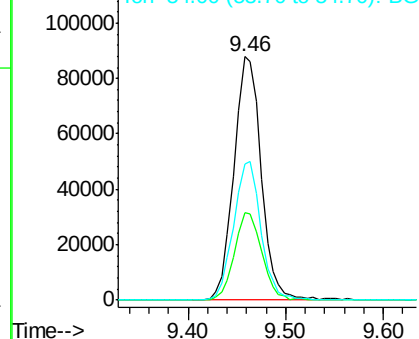
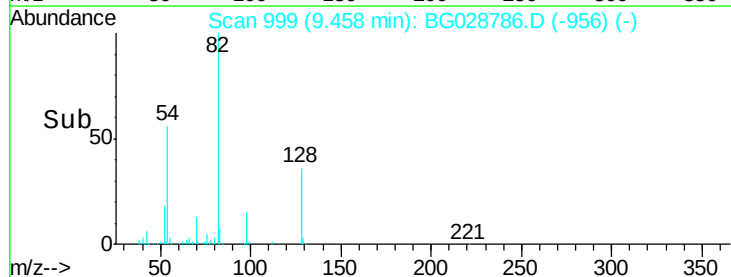


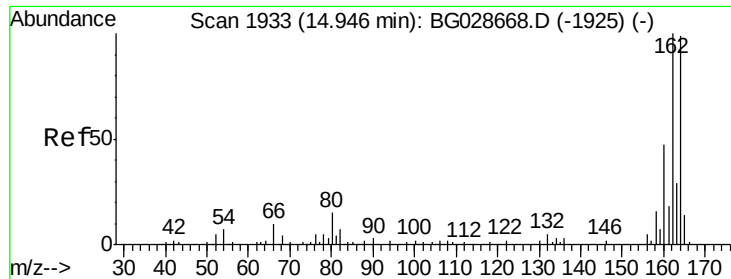
#23
Nitrobenzene-d5
Concen: 75.654 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:	82	Resp:	170760
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.4	39.6
54	55.8	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1927

Delta R.T. -0.04 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

Instrument :

BNA_G

ClientSampleId :

20170602-COMP-C

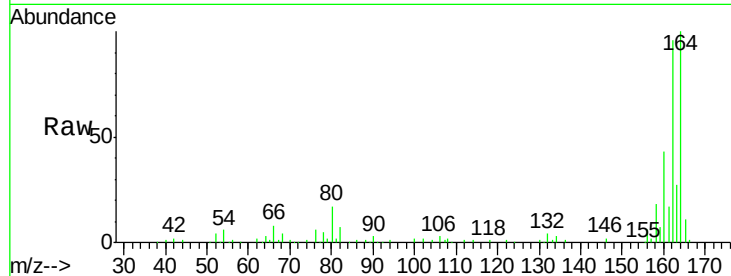
Tgt Ion:164 Resp: 84874

Ion Ratio Lower Upper

164 100

162 96.2 85.1 127.7

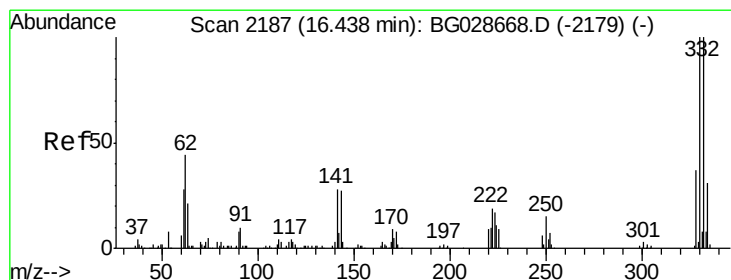
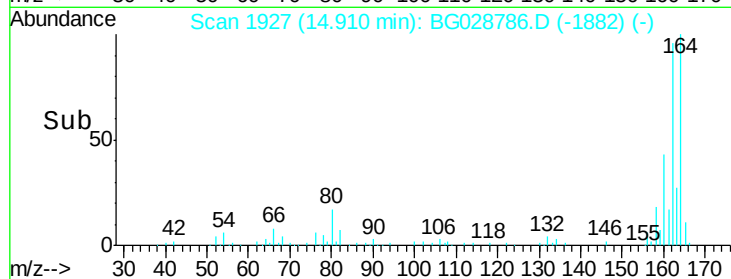
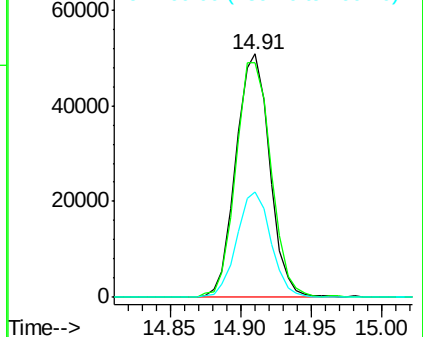
160 43.4 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 128.388 ng

RT: 16.40 min Scan# 2181

Delta R.T. -0.04 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

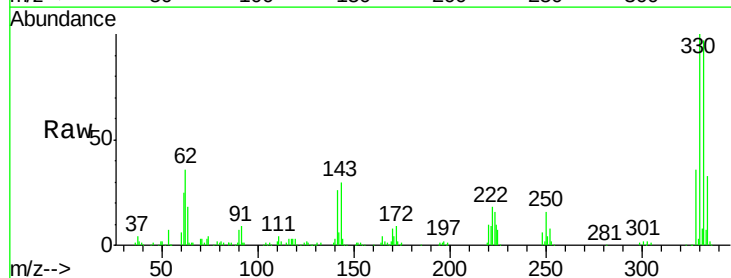
Tgt Ion:330 Resp: 180227

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

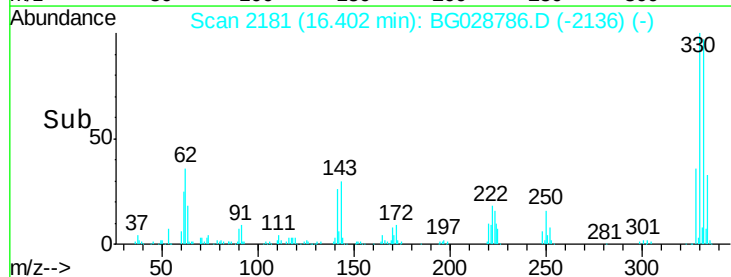
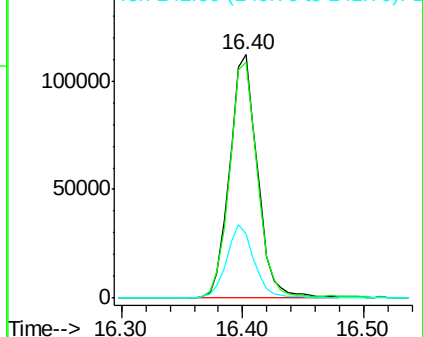
141 29.7 32.1 48.1#

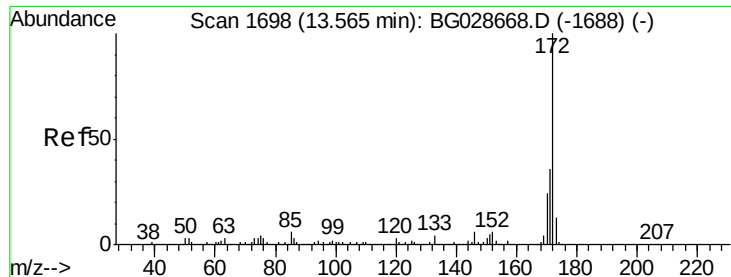


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

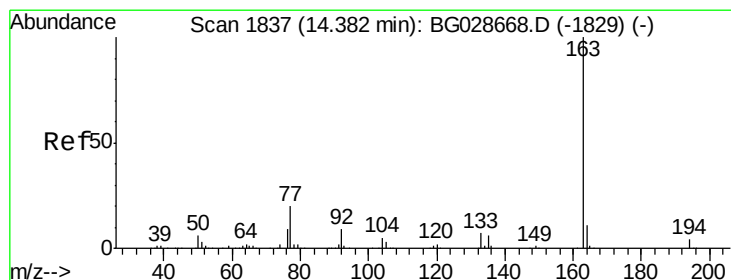
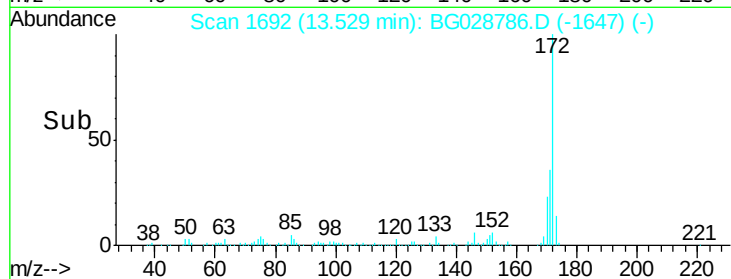
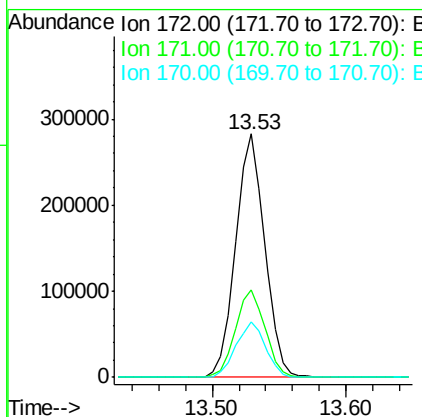
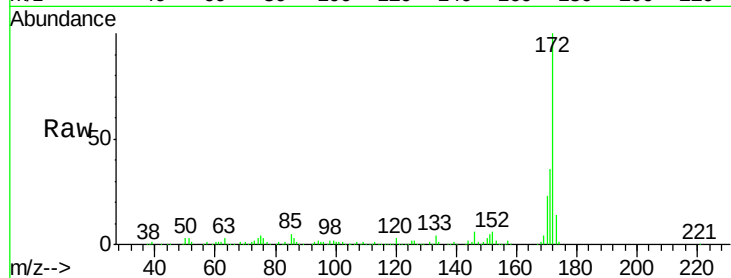




#44
2-Fluorobiphenyl
Concen: 67.220 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

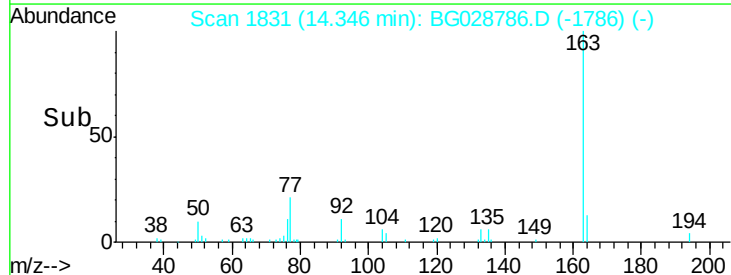
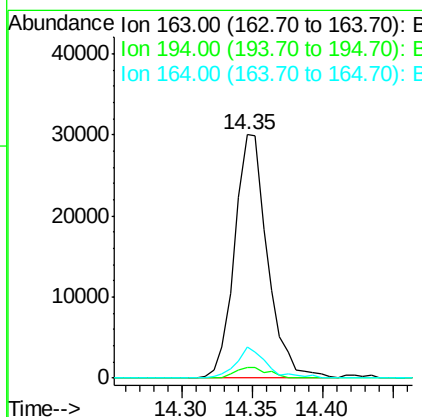
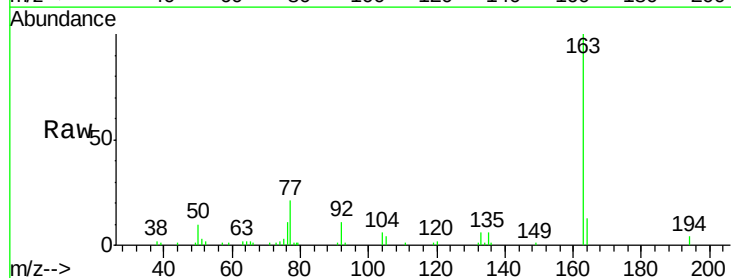
Instrument :
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20170602-COMP-C

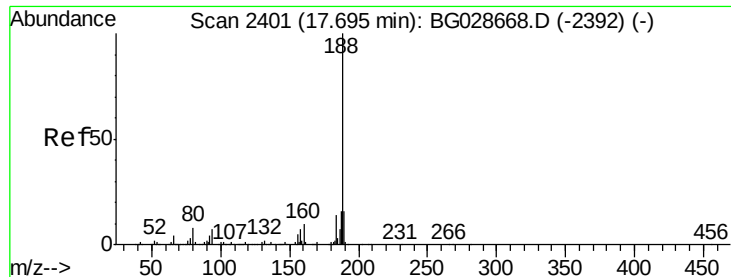
Tgt Ion:172 Resp: 427866
Ion Ratio Lower Upper
172 100
171 36.1 32.2 48.2
170 22.9 21.8 32.6



#49
Dimethylphthalate
Concen: 6.862 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BG028786.D
Acq: 16 Sep 2017 4:42

Tgt Ion:163 Resp: 48839
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 12.9 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

Instrument :

BNA_G

ClientSampleId :

20170602-COMP-C

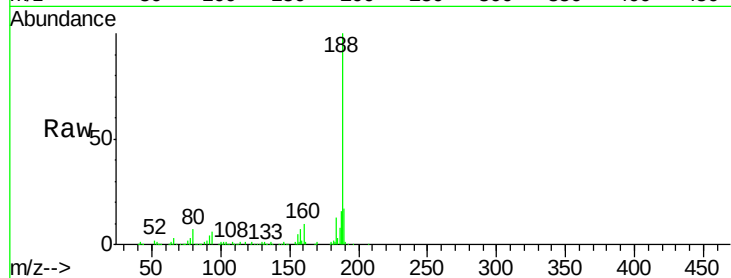
Tgt Ion:188 Resp: 242077

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

80 6.5 7.5 11.3#

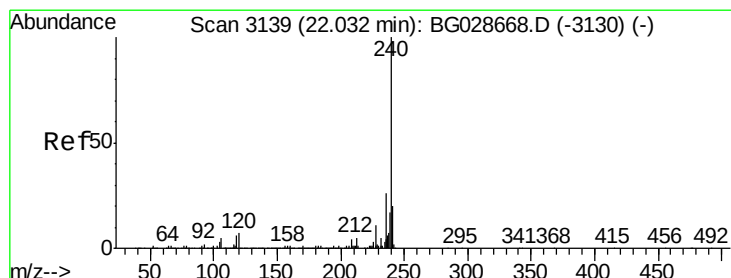
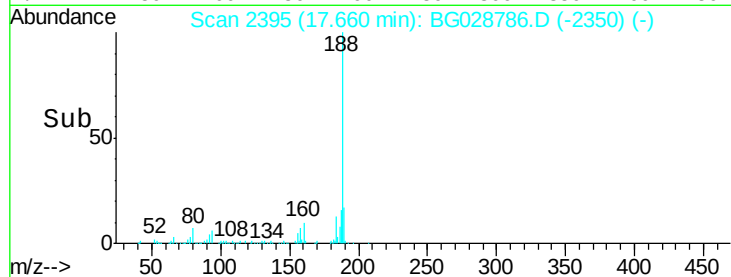
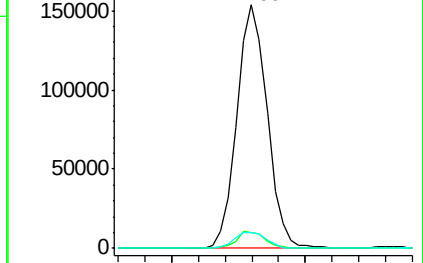


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.66



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

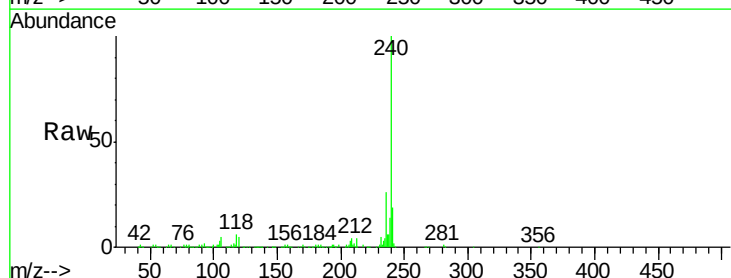
Tgt Ion:240 Resp: 275360

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

236 25.8 22.2 33.4

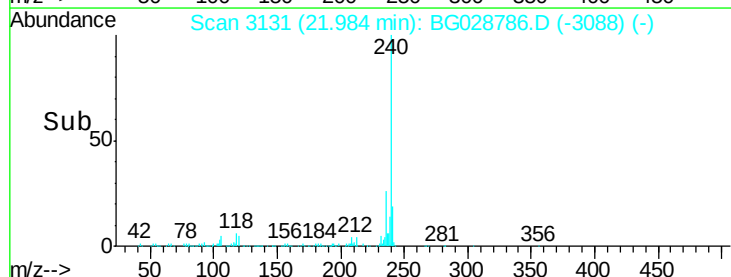
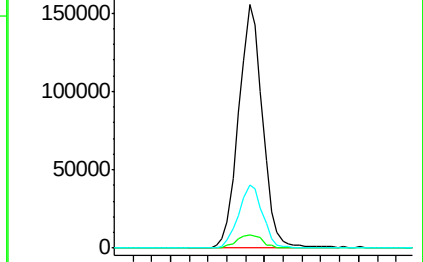


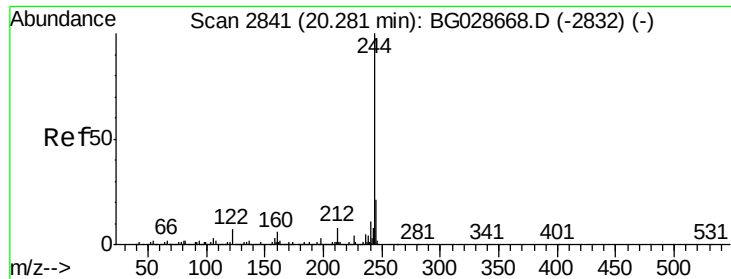
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.98





#78

Terphenyl-d14

Concen: 65.090 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

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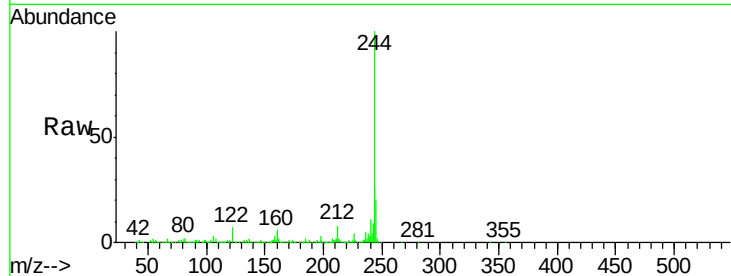
Tgt Ion:244 Resp: 840447

Ion Ratio Lower Upper

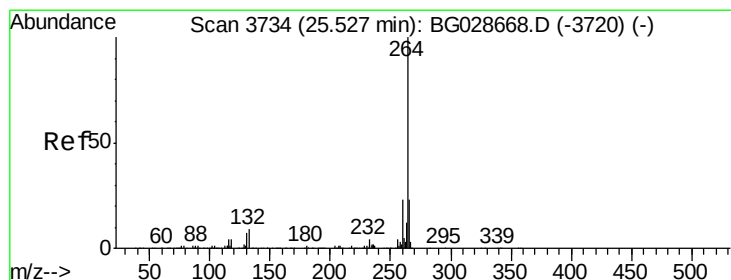
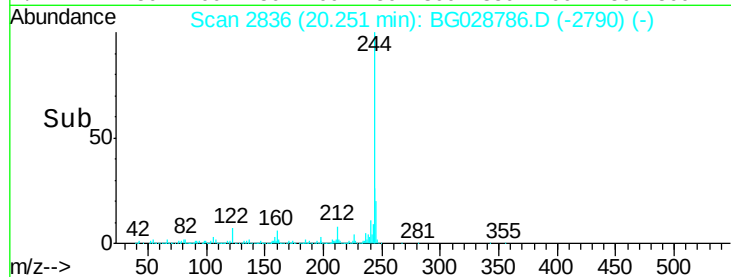
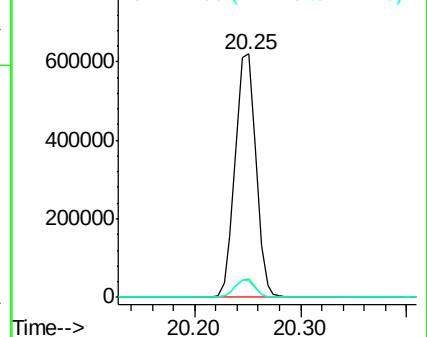
244 100

212 7.5 10.0 15.0#

122 7.0 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028786.D

Acq: 16 Sep 2017 4:42

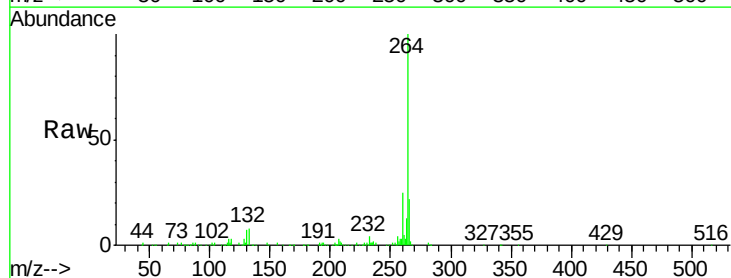
Tgt Ion:264 Resp: 282165

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 22.3 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

